



**“*IN SILICO* DESIGNING OF MILK PEPTIDES AS NOVEL
INHIBITORS OF CASPASE-3”.**

**Dissertation work submitted in partial fulfilment of the requirement for the
award of the degree of**

**MASTER OF SCIENCE
IN
BIOTECHNOLOGY**

Submitted by

SHASHIKALA Y H

Reg No. BT119139

IV Semester

M.Sc. in Biotechnology

Under the Guidance of

Dr. H. S. APARNA

Professor and Chairperson

DEPARTMENT OF STUDIES IN BIOTECHNOLOGY

University of Mysore,

Manasagangotri, Mysuru-570006

Karnataka, India

October 2021



UNIVERSITY OF MYSORE

Department of Studies in Biotechnology

Manasagangotri, Mysuru - 570 006, Karnataka, India

Dr. H. S. Aparna, Ph. D.

Professor

Ph: Off: + 91-821-2419482

Res: + 91-821-2411167

Mobile: + 91-9448178576

E-mail: hsa.uom@gmail.com

CERTIFICATE

This is to certify that this dissertation entitled "*In silico* designing of milk peptides as novel inhibitors of Caspase-3" submitted to the University of Mysore, Mysore, in the partial fulfilment of the requirement for the award of Master of Science degree in Biotechnology is a record of research work carried out by **SHASHIKALA Y H** under my guidance and supervision at the Department of Studies in Biotechnology, University of Mysore, Manasagangotri, March to October 2021.

Place: Mysore

Date: 7th October 2021

Shashikala Y H
Shashikala Y H

Aparna, H. S.
Dr. H. S. Aparna

(Project Supervisor/Chairperson)
Chairman
Department of Studies in Biotechnology
University of Mysore, Manasagangotri
Mysuru - 570 006